A. Permit Certificate

MUNICIPAL
WASTEWATER-LAND APPLICATION PERMIT

LA-000009-02

City of Paul, LOCATED AT P.O. Box 130, Paul, ID 83347 AND IN Township 9S, Range 23E, Section 28 IS HEREBY AUTHORIZED TO CONSTRUCT, INSTALL, AND OPERATE A WASTEWATER-LAND APPLICATION TREATMENT SYSTEM IN ACCORDANCE WITH THE WASTEWATER-LAND APPLICATION RULES (IDAPA 58.01.17), THE WATER QUALITY STANDARDS AND WASTEWATER TREATMENT REQUIREMENTS (IDAPA 58.01.02), THE GROUND WATER QUALITY RULE (IDAPA 58.01.11), AND ACCOMPANYING PERMIT APPENDICES AND REFERENCE DOCUMENTS. THIS PERMIT IS EFFECTIVE FROM THE DATE OF SIGNATURE AND EXPIRES ON **(60 months from issue date)**.

Doug Howard, P.E.
Twin Falls Regional Administrator
Idaho Department of Environmental Quality

Date:

DEPARTMENT OF ENVIRONMENTAL QUALITY
601 Pole Line Road, Suite 2
Twin Falls, Idaho 83301
(208) 736-2190
(208) 736-2194 fax

POSTING ON SITE RECOMMENDED

B. Permit Contents, Appendices, and Reference Documents

References

1. Plan of Operation (Operation and Maintenance Manual)
   - Best management practices to prevent runoff from entering irrigation laterals.
   - Nuisance odor management.
2. Waste Solids Management Plan.

The Sections, Appendices, and Reference Documents listed on this page are all elements of Wastewater-Land Application Permit LA-000009-02 and are enforceable as such. This permit does not relieve The City of Paul, hereafter referred to as the permittee, from responsibility for compliance with other applicable federal, state or local laws, rules, standards or ordinances.

C. Abbreviations, Definitions

Ac-in	Acre-inch. The volume of water or wastewater to cover 1 acre of land to a depth of 1 inch. Equal to 27,154 gallons.
BMP or BMPs	Best Management Practices
COD	Chemical Oxygen Demand
DEQ or the Department	Idaho Department of Environmental Quality
Director	Director of the Idaho Department of Environmental Quality, or the Directors Designee, i.e. Regional Administrator
ET	Evapotranspiration – Loss of water from the soil and vegetation by evaporation and by plant uptake (transpiration)
GS	Growing Season – Typically April 01 through October 31 (214 days)
GW	Ground Water
GWQR	IDAPA 58.01.11 "Ground Water Quality Rule"
Guidance	Guidance for Land Application of Municipal and Industrial Wastewater, DEQ, October 2004.
HLRgs	Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to land application hydraulic management units during the growing season. The HLRgs limit is specified in Section F. Permit Limits and Conditions.
HLRngs	Non-Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to each hydraulic management unit during the non-growing season. The HLRngs limit is specified in Section F. Permit Limits and Conditions.
HMU	Hydraulic Management Unit (Serial Number designation is MU)
IWR	Irrigation Water Requirement – Any combination of wastewater and supplemental irrigation water applied at rates commensurate to the moisture requirements of the crop, and calculated monthly during the growing season (GS). Calculation methodology for the IWR can be found at the following website: http://www.kimberly.uidaho.edu/water/appndxet/index.shtml. The equation used to calculate the IWR at this website is: $IWR = (CU - P_e) / E_i$ CU is the monthly consumptive use for a given crop in a given climatic area. CU is synonymous with crop evapotranspiration P_e is the effective precipitation. CU minus Pe is synonymous with the net irrigation requirement (IR) E_i is the irrigation system efficiency. To obtain the gross irrigation water requirement (IWR), divide the IR by the irrigation system efficiency.
IDAPA	Idaho Administrative Procedures Act.
LG	Lagoon
lb/ac-day	Pounds (of constituent) per acre per day
MG	Million Gallons (1 MG = 36.827 acre-inches)
MGA	Million Gallons Annually (per WLAP Reporting Year)
NGS	Non-Growing Season – Typically November 01 through March 31 (151 days)
NVDS	Non-Volatile Dissolved Solids (= Total Dissolved Solids less Volatile Dissolved Solids)
O&M manual	Operation and Maintenance Manual, also referred to as the Plan of Operation

C. Abbreviations, Definitions

SAR	Sodium Absorption Ratio
SI	Supplemental Irrigation water applied to the land application treatment site.
Soil AWC	Soil Available Water Holding Capacity - the water storage capability of a soil to a depth at which plant roots will utilize (typically 60 inches or root limiting layer)
SMU	Soil Monitoring Unit (Serial Number designation is SU)
SW	Surface Water
TDS	Total Dissolved Solids or Total Filterable Residue
TDIS	Total Dissolved Inorganic Solids – The summation of chemical concentration results in mg/L for the following common ions: calcium, magnesium, potassium, sodium, chloride, sulfate, and 0.6 times alkalinity (alkalinity expressed as calcium carbonate). Nitrate, Silica and fluoride shall be included if present in significant quantities (i.e. > 5 mg/L each).
TMDL	Total Maximum Daily Load – The sum of the individual waste-load allocations (WLA's) for point sources, Load Allocations (LA's) for non-point sources, and natural background. Such load shall be established at a level necessary to implement the applicable water quality standards with seasonal variations and a margin of safety that takes into account any lack of knowledge concerning the relationship between effluent limitations and water quality. IDAPA 58.01.02 *Water Quality Standards and Wastewater Treatment Requirements*
Typical Crop Uptake	Typical Crop Uptake is defined as the median constituent crop uptake from the three (3) most recent years the crop has been grown. Typical Crop Uptake is determined for each hydraulic management unit. For new crops having less than three years of on-site crop uptake data, regional crop yield data and typical nutrient content values, or other values approved by DEQ may be used.
USGS	United States Geological Survey
WLAP	Wastewater Land Application Permit (or Program)
WLAP Reporting Year	The reporting year begins with the non-growing season and extends through the growing season of the following year, typically November 01 – October 31. For example, the 2000 Reporting Year was November 01, 1999 through October 31, 2000.
WW	Wastewater applied to the land application treatment site

D. Facility Information

Legal Name of Permittee	City of Paul	
Type of Wastewater	Municipal/Domestic	
Method of Treatment	Slow Rate Irrigation	
Type of Facility	Public	
Facility Location	1 mile west of Paul, Idaho	
Legal Location	Township 9S Range 23E Section 31 NE/SE/NE	
County	Minidoka	
USGS Quad	Paul	
Soils on Site	Wodskow-Deker-Abo Associations	
Depth to Ground Water	230 feet to regional ground water	
Beneficial Uses of Ground Water	Agricultural, Drinking water	
Nearest Surface Water	Adjacent to property - Main Drain	
Beneficial Uses of Surface Water	Agricultural water supply, Industrial water supply, Wildlife habitat, and Aesthetics.	
Responsible Official **Mailing Address** **Phone / Fax**	Randy Jones, Mayor P.O. Box 130, Paul, ID 83347 (208)-438-4141	Richard Rau, Public Works Director P.O. Box 130, Paul, ID 83347 (208)-438-4141
Facility Consultants **Mailing Address** **Phone / Fax**	Forsgren Associates, Inc. David Noel 350 North 2nd East Rexburg ID 83440 1-208-356-9201/1-208-356-0206	

E. Compliance Schedule for Required Activities

The Activities in the following table shall be completed on or before the Completion Date unless modified by the Department in writing.

Compliance Activity Number Completion Date	Compliance Activity Description
CA-009-01 One (1) year after permit issuance	A Plan of Operation (Operation and Maintenance Manual or O&M Manual) for the wastewater land application facilities, incorporating the requirements of this permit, shall be submitted to DEQ for review and comment. The O&M manual shall be designed for use as an operator guide for actual day-to-day operations to meet permit requirements and shall include daily sampling and monitoring requirements to insure proper operation of the wastewater treatment facility. The Plan of Operation shall contain at a minimum all of the information required by the latest revision of the Plan of Operation Checklist in the WLAP Program Guidance. The Plan of Operation shall also contain a section discussing best management practices (BMPs) employed to prevent runoff from entering Main Drain. In addition, The Plan of Operations shall include a section discussing nuisance odors titled Odor Management Plan. The section shall contain the BMPs employed to prevent the occurrence of nuisance odors. Upon approval, the manual shall be incorporated by reference into this permit and shall be enforceable as a part of this permit.
CA-009-02 One (1) year after permit issuance	Conduct seepage test in accordance with the DEQ uniform seepage test procedures (DEQ guidance titled "Procedure for Evaluating Wastewater Treatment Lagoon Seepage Rates", January 22, 2002) or a method approved by DEQ. This applies to all wastewater storage or conveyance structures or ponds at the treatment facility and the land application site. The leakage performance standard set in the DEQ guidance titled "Procedure for Evaluating Wastewater Treatment Lagoon Seepage Rates" (January 22, 2002) is specified as 0.25 inches per day or less for wastewater structures or ponds. If a structure or pond does not meet the seepage rate requirements the permittee shall submit a plan and schedule, for DEQ review and approval, to either repair, replace or abandon the structure or pond.
CA-009-03 As specified	Within one year after permit issuance, the permittee shall submit to the Department for review and approval a groundwater monitoring well network proposal for monitoring the activities at the land application site. A minimum of three (3) monitoring wells will be required to monitor ground water quality. The monitoring well network shall be in place within two years after the approval of groundwater monitoring well network locations.
CA-009-04 Prior to application of waste solids	Prior to the application of waste solids, the permittee shall submit to DEQ for review and approval a waste solids management plan.
CA-009-05 One (1) years after permit issuance	Within one year after permit issuance, the permittee shall install every 500 feet appropriate signs for the lagoons and land application site.
CA-009-06 Prior to application of wastewater.	The permittee shall provide proof that an adequate volume of supplemental irrigation water is available to grow a healthy crop at the land application site.
CA –009-07 Prior to application of wastewater.	The permittee shall ensure that appropriate buffers are maintained from all surface waters, public access areas, dwellings, and both public and private wells. The permittee will supply a map of the land application area with the calculated acreage available for land application of wastewater after all appropriate buffers are accounted for.

E. Compliance Schedule for Required Activities

Compliance Activity Number Completion Date	Compliance Activity Description
CA-009-08 One (1) year after permit issuance.	The permittee will install supplemental irrigation flow monitoring equipment within the system prior land application to the fields, or obtain the necessary volume of supplemental irrigation water through an appropriate estimation from canal discharge pump volume, or other means approved by DEQ.
CA-009-09 As specified.	The permittee shall design and install modifications to the disinfection system for the effluent such that a disinfection level of less than 2.2 organisms/100ml total coliform is maintained. Prior to installation, the permittee shall submit plans and specifications for DEQ's review and approval. The system shall be operational within three years of permit issuance.

F. Permit Limits and Conditions

The Permittee is allowed to apply wastewater and treat it on a land application site as prescribed in the tables below and in accordance with all other applicable permit conditions and schedules.

Category	Permitted Limits and Conditions
Type of Wastewater	Municipal Wastewater
Application Site Area	Slow Rate Irrigation
Application Season	Growing Season, April 1 - October 31 Non-Growing Season, November 1 – March 31
Reporting Year for Annual Loading Rates	See definition section
Maximum Hydraulic Loading Rate, Growing Season (includes wastewater and supplemental irrigation water, if used)	Growing Season (GS) Hydraulic Loading Rate shall be no greater than the Irrigation Water Requirement (IWR) using data from the tables of the following University of Idaho web site: http://www.kimberly.uidaho.edu/water/appndxet/index.shtml. IWR is equal to the Mean IR data from these tables divided by the irrigation system efficiency. In lieu of these tables, current climatic and evaporation data, or 30-year average data may be used to calculate the IWR, as defined in the Guidance for Land Application of Municipal and Industrial Wastewater, pages 33 and 34 (DEQ 2004). Assume no carryover soil moisture and a leaching rate of zero in calculating the IWR. Application shall generally follow consumptive use rates for the crop throughout the season.
Maximum Hydraulic Loading Rate, Non-Growing Season	Typically, no wastewater irrigation to the land application site. In case of emergency, with DEQ's approval, hydraulic loading shall not exceed 4.58 million gallons.
Ground Water Quality	Ground Water Quality shall be in compliance with *Idaho Ground Water Quality Rule* IDAPA 58.01.11
No Runoff	No runoff is allowed from any site or fields used for wastewater land application except after a 25-year, 24-hour storm event or greater using the Western Regional Climate Center precipitation Frequency Map, Figure 28 "Isopluvials of 25-YR, 24-HR Precipitation". For this site, the 25-year, 24- hour event is 1.8 inches.
Maximum COD Loading, seasonal average in Pounds / acre-day, each HMU	50 pounds/acre-day seasonal average for growing season. 25 pounds/acre-day seasonal average for non-growing season, when allowed.
Maximum Nitrogen Loading Rate, pounds / acre-year, each HMU (from all sources including waste solids and supplemental fertilizers).	150% of typical crop uptake, or UI Fertility Guide
Maximum Phosphorus Loading Rate, pounds / acre-year, each HMU (from all sources including waste solids and supplemental fertilizers).	125% of typical crop uptake, or UI Fertility Guide
Construction Plans	Prior to construction or modification of all wastewater facilities associated with the land application system or expansion, detailed plans and specifications shall be reviewed and approved by DEQ. Within 30 days of completion of construction, the permittee shall submit as-built plans for review and approval.
Grazing	No gazing shall be allowed on the land application site. A grazing management plan shall be submitted to DEQ for review and approval

F. Permit Limits and Conditions

Category	Permitted Limits and Conditions
	prior to any grazing activities. Grazing plans shall follow the guidance located on the DEQ Internet site.
Allowable crops	Crops grown for direct human consumption (those crops that are not processed prior to consumption) are not allowed.
Fencing and Posting	Signs shall be posted every 500 feet designating the fields as wastewater reuse areas or equivalent - see CA-009-05.
Supplemental Irrigation Water Protection	For systems with wastewater and fresh irrigation water interconnections, DEQ approved backflow prevention devices are required.
Odor Management	The wastewater treatment plant, land application facilities, and other operations associated with the facility shall not create a public health hazard or nuisance conditions, including odors. These facilities shall be managed in accordance with a DEQ approved Odor Management Plan - see CA-009-01.

Buffer Zone Distances (based on sprinkler irrigation), in feet	**Disinfection Level* (total coliform)**	**Distance to Public Access**	**Distances to Inhabited Dwellings**	**Distance to surface canals and ditches**	**Distance to private water sources**	**Distance to public water sources**	**Single sample maximum total coliform level**
	<23/100ml	0	300	50	500	1000	240/100ml

G. Monitoring Requirements

1) Appropriate analytical methods, as given in the *Guidance for Land Application of Municipal and Industrial Wastewater, October 2004*, or as approved by the Idaho Department of Environmental Quality (hereinafter referred to as DEQ), shall be employed. A description of approved sample collection methods, appropriate analytical methods and companion QA/QC protocol shall be included in the Operation and Maintenance Manual.
2) The permittee shall monitor and measure parameters and submit information as stated in the Facility Monitoring Table in this section.
3) Samples shall be collected at times and locations that represent typical environmental and process parameters being monitored.
4) Monitoring locations are described in Appendix 1., Environmental Monitoring Serial Numbers.
5) Monitoring is required at the frequency shown in the table below if wastewater is applied anytime during the time period shown. Unless otherwise agreed in writing by the DEQ, data collected and submitted shall include, but not be limited to, the parameters and frequencies in the Facility Monitoring Table as follows.
6) Three (3) soil samples shall be collected at each sample location, one at 0-12 inches, one at 12-24 inches and one at 24-36 inches. The soil samples collected at 0-12 inches from each sample location shall be a composite of ten (10) sub-samples collected throughout the soil management unit. Similarly, all soil samples collected at 12-24 inches shall be a composite of ten (10) sub-samples and all samples collected at 24-36 inches shall be a composite of ten (10) sub-samples . This method will yield three samples for analysis, one for 0-12 inches, one for 12-24 inches and one for 24-36 inches for each soil management unit.
7) Ground Water Monitoring Procedure: Ground Water Monitoring Wells shall be purged a minimum of three casing volumes and/or until field measurements for pH, specific conductance and temperature meet the following conditions: two successive temperature values measured at least five minutes apart are within one degree Celsius of each other, pH values for two successive measurements measured at least five minutes apart are within 0.2 units of each other, and two successive specific conductance values measured at least five minutes apart are within 10% of each other. This procedure will determine when the wells are suitable for sampling for constituents required by the permit. Other procedures, such as low flow sampling, may be considered by DEQ for approval. The static water level shall be measured prior to pumping or sampling for ground water.
8) Annual reporting of monitoring requirements is described in Section H, Standard Reporting Requirements.

Facility Monitoring Table

Frequency	Monitoring Point	Description and Type of Monitoring	Parameters
Daily (when land applying)	Discharge Point of Wastewater to Land Application (Flow Meter)	Volume of Wastewater land applied	Gallons/Month and acre-inches/month applied to the Hydraulic Management Unit
Monthly (when land applying)	Discharge Point of Wastewater to Land Application	Grab sample	Total Kjeldahl nitrogen, nitrate+nitrite-nitrogen, TDS, VDS, pH, COD, total phosphorus, and total coliform
Daily	Flow Meter or Calibrated Pump Rate	Supplemental Irrigation Water	Gallons/Month, acre-inches/month, and Gallons/year applied to the Hydraulic Management Unit
Annually	Hydraulic management unit	Calculate Irrigation Water Requirement for Crop Grown	Volume (inches / acre and total gallons) for each month for growing season.
Annually	Hydraulic management unit	Acres used for land application	Acres
Annually	Hydraulic	COD loading calculation (per	COD applied in lbs/acre-day

G. Monitoring Requirements

Frequency	Monitoring Point	Description and Type of Monitoring	Parameters
	management unit	season, GS and/or NGS)	
Annually	Hydraulic management unit	Calculate and report total nitrogen and phosphorus load from fertilizer or all other non-wastewater application.	Nitrogen and phosphorus applied in lbs/acre-year
Annually	Hydraulic management unit	Calculate and report total nitrogen and phosphorus loading calculation from wastewater	Nitrogen and phosphorus applied in lbs/acre-year
Annually	Hydraulic management unit	Crop Yield Calculation and Crop Type	tons/acre, lbs/acre, or bushels/acre
First and last year of permit only (April)	Soil Monitoring unit	Composite soil sample. See note 6) above.	Electrical Conductivity, Nitrate-N, Ammonia-N, pH, Plant available phosphorous (use Olsen method for soils with pH 6.5 or greater, use Bray method if soil pH is less than 6.5)
Annually	Hydraulic management unit	Crop Nutrient Uptake from Crop Tissue Analysis or from standard tables for Crop Type and yield.	Nitrogen and phosphorus uptake in lbs/acre-year
Annually (March) after CA-009-03 is completed.	Groundwater Monitoring Wells. See CA-009-03	As per ground water monitoring and sample handling procedures section of the updates operation and maintenance Manual (O&M Manual). Also, see note 1) and 7) above.	Total Dissolved Solids, Nitrate Nitrogen, Total Phosphorus, Chloride, Total Iron, Total Manganese, Dissolved Iron, Dissolved Manganese, pH, and Static Water Level.

H. Standard Reporting Requirements

1. The permittee shall submit an Annual Wastewater-Land Application Site Performance Report ("Annual Report") prepared by a competent environmental professional no later than January 31 of each year which shall cover the previous year (see section F for WLAP reporting period). The Annual Report shall include results for monitoring required in Section G, status of compliance activities, and an interpretive discussion of monitoring data (ground water, vadose zone, hydraulic loading, wastewater etc.) with particular respect to environmental impacts by the facility.

2. The annual report shall contain the results of the required monitoring as described in Section G. Monitoring Requirements. If the permittee monitors any parameter more frequently than required by this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the annual report.

3. The annual report shall be submitted to the Engineering Manager in the Regional DEQ Office.

   Twin Falls Regional Office
   601 Pole Line Road, Suite 2
   Twin Falls, ID 83301
   208-736-2190

   A copy of the annual report shall also be mailed to:

   Richard Huddleston, P.E.
   Wastewater Program Manager
   1410 N. Hilton
   Boise, ID 83706
   208-373-0561

4. Notice of completion of any work described in Section E. Compliance Schedule for Required Activities shall be submitted to the Department within 30 days of activity completion. The status of all other work described in Section E shall be submitted with the Annual Report.

5. All laboratory reports containing the sample results for monitoring required by Section G. Monitoring Requirements of this permit shall be submitted with the Annual Report.

I. Standard Permit Conditions: Procedures and Reporting

1. The permittee shall at all times properly maintain and operate all structures, systems, and equipment for treatment, operational controls and monitoring, which are installed or used by the permittee to comply with all conditions of the permit or the Wastewater-Land Application Permit Regulations, in conformance with a DEQ approved, current Plan of Operations (Operations and Maintenance Manual) which describes in detail the operation, maintenance, and management of the wastewater treatment system. This Plan of Operations shall be updated as necessary to reflect current operations.

2. Wastewater(s) or recharge waters applied to the land surface must be restricted to the premises of the application site unless permission has been obtained from the DEQ authorizing a discharge into the waters of the State as stated in IDAPA 58.01.02.600.02.

3. Wastewater must not create a public health hazard or nuisance condition as stated in IDAPA 58.01.02.600.03. In order to prevent public health hazards and nuisance conditions the permittee shall:

a. Apply wastewater as evenly as practicable to the treatment area;
b. Prevent organic solids (contained in the wastewater) from accumulating on the ground surface to the point where the solids putrefy or support vectors or insects; and
c. Prevent wastewater from ponding in the fields to the point where the ponded wastewater putrefies or supports vectors or insects.

4. The permittee shall:

a. Manage the wastewater land application treatment site as an agronomic operation where vegetative cover is grown and harvested or grazed to utilize the nutrients and minerals in the wastewater, and,
b. Not hydraulically overload any particular areas of the wastewater land application treatment site.

5. All waste solids, including dredgings and sludges, shall be utilized or disposed in a manner which will prevent their entry, or the entry of contaminated drainage or leachate therefrom, into the waters of the state such that health hazards and nuisance conditions are not created; and to prevent impacts on designated beneficial uses of the ground water and surface water. The permittee's management of waste solids shall be governed by the terms of the DEQ approved Waste Solids Management Plan, which upon approval shall be an enforceable portion of this permit.

6. If the permittee intends to continue operation of the permitted facility after the expiration of an existing permit, the permittee shall apply for a new permit at least six months prior to the expiration date of the existing permit in accordance with the Waste Water Land Application Permit Regulations and include seepage tests on all lagoons per latest DEQ procedures.

7. The permittee shall allow the Director of the Idaho Department of Environmental Quality or the Director's designee (hereinafter referred to as Director), consistent with Title 39, Chapter 1, Idaho Code, to:

a. Enter the permitted facility,
b. Inspect any records that must be kept under the conditions of the permit.
c. Inspect any facility, equipment, practice, or operation permitted or required by the permit.
d. Sample or monitor for the purpose of assuring permit compliance, any substance or any parameter at the facility.

8. The permittee shall report to the Director under the circumstances and in the manner specified in this section:

a. In writing thirty (30) days before any planned physical alteration or addition to the permitted facility or activity if that alteration or addition would result in any significant change in information that was submitted during the permit application process.
b. In writing thirty (30) days before any anticipated change which would result in non-compliance with any permit condition or these regulations.
c. Orally within twenty-four (24) hours from the time the permittee became aware of any non-compliance which may endanger the public health or the environment at telephone numbers provided in the permit by the Director (see below)

DEQ Regional Office: see Permit Certification Page
Emergency 24 Hour Number 1-800-632-8000

d. In writing as soon as possible but within five (5) days of the date the permittee knows or should know of any non-compliance unless extended by the DEQ. This report shall contain:

i. A description of the non-compliance and its cause;
ii. The period of non-compliance including to the extent possible, times and dates and, if the non-compliance has not been corrected, the anticipated time it is expected to continue; and
iii. Steps taken or planned to reduce or eliminate reoccurrence of the non-compliance.

e. In writing as soon as possible after the permittee becomes aware of relevant facts not submitted or incorrect information submitted, in a permit application or any report to the Director. Those facts or the correct information shall be included as a part of this report.

9. The permittee shall take all necessary actions to prevent or eliminate any adverse impact on the public health or the environment resulting from permit noncompliance.

10. The permittee shall determine (on an on-going basis) if any noxious weed problems relate to the permitted sites. If problems are present, coordinate with the Idaho Department of Agriculture or the local County authority regarding their requirements for noxious weed control. Also address these control operations in an update to the Operations and Maintenance Manual.

J. Standard Permit Conditions: Modifications, Violations, and Revocations

1. The permittee shall furnish to the Director within reasonable time, any information including copies of records, which may be requested by the Director to determine whether cause exists for modifying, revoking, re-issuing, or terminating the permit, or to determine compliance with the permit or these regulations.

2. Both minor and major modifications may be made to this permit as stated in IDAPA 58.01.17.700.01 and 02 with respect to any conditions stated in this permit upon review and approval of the DEQ.

3. Whenever a facility expansion, production increase or process modification is anticipated which will result in a change in the character of pollutants to be discharged or which will result in a new or increased discharge that will exceed the conditions of this permit, or if it is determined by the DEQ that the terms or conditions of the permit must be modified in order to adequately protect the public health or environment, a request for either major or minor modifications must be submitted together with the reports as described in I. *Standard Reporting Requirements*, and plans and specifications for the proposed changes. No such facility expansion, production increase or process modification shall be made until plans have been reviewed and approved by the DEQ and a new permit or permit modification has been issued.

4. Permits shall be transferable to a new owner or operator provided that the permittee notifies the Director by requesting a minor modification of the permit before the date of transfer.

5. Any person violating any provision of the Waste Water Land Application Permit Regulations, or any permit or order issued thereunder shall be liable for a civil penalty not to exceed ten thousand dollars ($10,000) or one thousand dollars ($1,000) for each day of a continuing violation, whichever is greater. In addition, pursuant to Title 39, Chapter 1, Idaho Code, any willful or negligent violation may constitute a misdemeanor.

6. The Director may revoke a permit if the permittee violates any permit condition or the Wastewater Land Application Permit Regulations.

7. Except in cases of emergency, the Director shall issue a written notice of intent to revoke to the permittee prior to final revocation. Revocation shall become final within thirty-five (35) days of receipt of the notice by the permittee, unless within that time the permittee request an administrative hearing in writing to the Board of the Department of Environmental Quality pursuant to the Rules of Administrative Procedures contained in IDAPA 58.01.23.

8. If, pursuant to Idaho Code ə 67-5247, the Director finds the public health, safety or welfare requires emergency action, the Director shall incorporate findings in support of such action in a written notice of emergency revocation issued to the permittee. Emergency revocation shall be effective upon receipt by the permittee. Thereafter, if requested by the permittee in writing, a revocation hearing before the Board of the Department of Environmental Quality shall be provided. Such hearings shall be conducted in accordance with the Rules of Administrative Procedures contained in IDAPA 58.01.23..

9. The provisions of this permit are severable and if a provision or its application is declared invalid or unenforceable for any reason, that declaration will not affect the validity or enforceability of the remaining provisions.

10. The permittee shall notify the DEQ at least six (6) months prior to permanently removing any permitted land application facility from service, including any treatment, storage, or other facilities or equipment associated with the land application site. Prior to commencing closure activities, the permittee shall: a) participate in a pre-site closure meeting with the DEQ; b) develop a site closure plan that identifies specific closure, site characterization, or cleanup tasks with scheduled task completion dates in accordance with agreements made at the pre-site closure meeting; and c) submit the completed site closure plan to the DEQ for review and approval within forty-five (45) days of the pre-site closure meeting. The permittee must complete the DEQ approved site closure plan.

Appendix 1
Environmental Monitoring Serial Numbers

HYDRAULIC MANAGEMENT UNITS

Serial Number	Description	Acres
MU-000901	Paul Farm B	23.2
MU-000902	Paul Farm A	35.6
MU-000903	Harper Farm	118.5

WASTEWATER SAMPLING POINTS

Serial Number	Description
WW-000901	Prior to land application sites (lagoon)

SOIL MONITORING UNITS

Serial Number	Description	Associated MU
SU-000901	Paul Farm B	MU-000901
SU-000902	Paul Farm A	MU-000902
SU-000903	Harper Farm	MU-000903

GROUND WATER MONITORING

Serial Number	Description	Location
GW-000901	To be determined. See **CA-009-03**	
GW-000902	To be determined. See **CA-009-03**	
GW-000903	To be determined. See **CA-009-03**	

LAGOONS

Serial Number	Description
LG-000901	Lagoon no. 1
LG-000902	Lagoon no. 2
LG-000903	Lagoon no. 3

Appendix 2
Site Maps

Site Map No. 1

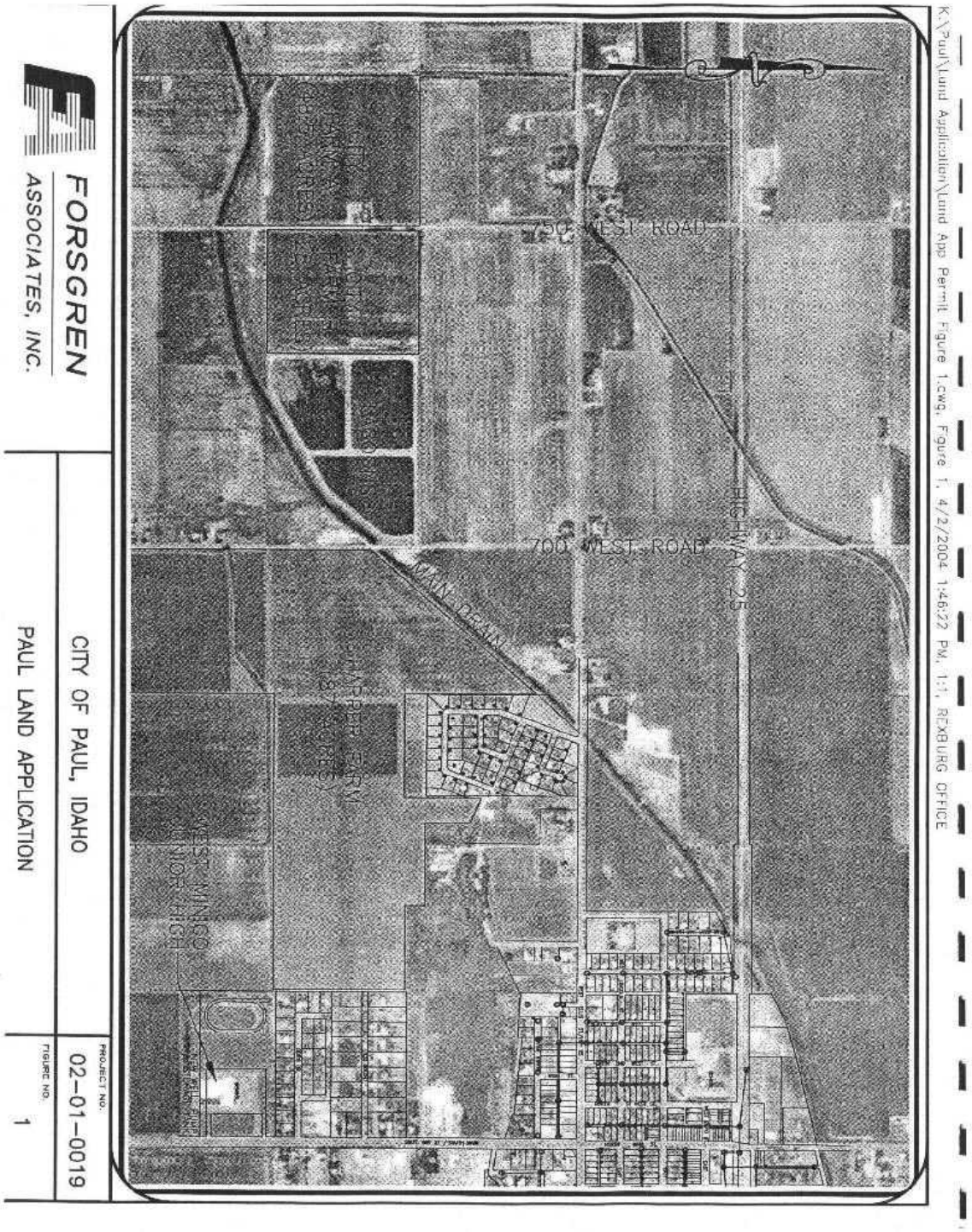

Figure 1. Location of Land application Hydraulic Management Units, from WLAP 2004.

Appendix 2
Site Maps

Site Map No. 2

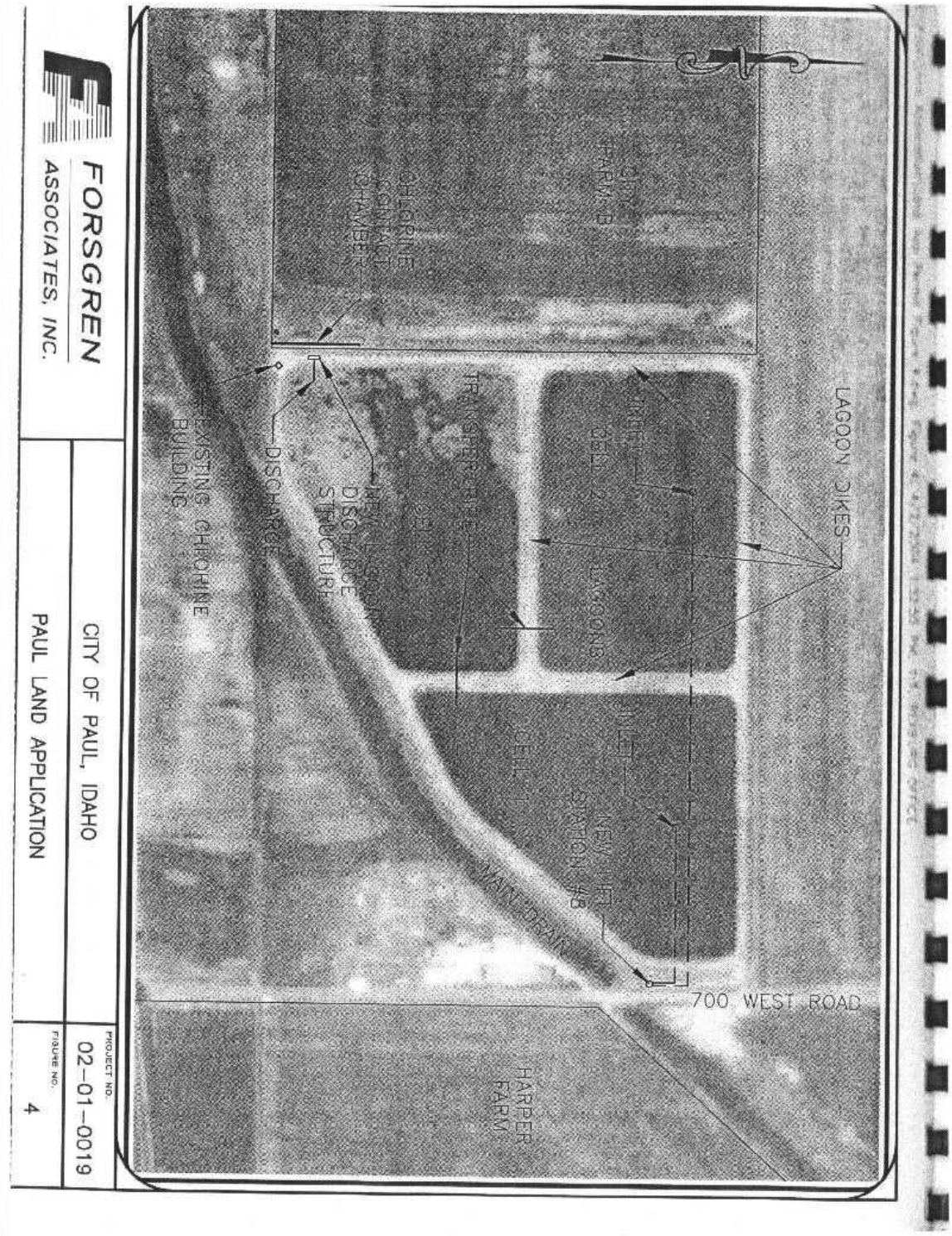

Figure 2. Flow Diagram for City of Paul lagoon system, from WLAP 2004.